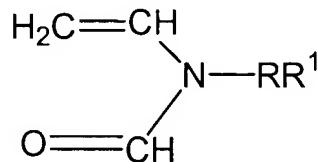


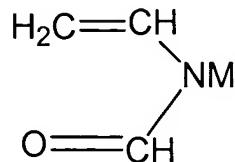
ABSTRACT OF THE DISCLOSURE

A method of synthesizing a compound having the formula:



comprising the step of:

reacting a N-vinylformamide salt having the formula



with a compound having the formula XRR^1 ; wherein X is Br, Cl or I, M is an alkali metal or an alkali earth metal, R^1 is a C0-C25 alkylene group, a C0-C25 fluoroalkylene group or a C0-C25 perfluoro alkylene group, R^2 is H, provided R^1 is not absent, an alkyl group, a fluoroalkyl group, a perfluoroalkyl group, an aryl group, a hydroxy group, a polyether group, a heterocyclic group of 5 or 6 atoms wherein at least one of the atoms is not a carbon and is N, O, or S, $-\text{OR}^3$, wherein, R^3 is an alkyl group, a fluoroalkyl group, a perfluoroalkyl group, or an aryl group, $-\text{C}(\text{O})\text{R}^4$, $-\text{C}(\text{O})\text{OR}^4$, $-\text{OC}(\text{O})\text{R}^4$, wherein R^4 is an H, an alkyl group, a fluoroalkyl group, a perfluoroalkyl group, or an aryl group, a phthalimide group or NR^5R^5 wherein R^5 and R^5 are independently H, $-\text{C}(\text{O})\text{R}^4$, an alkyl, a fluoroalkyl group, a perfluoroalkyl group or an aryl group.